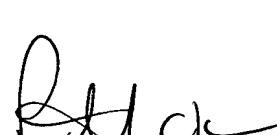
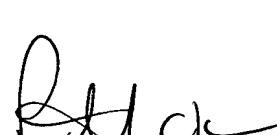
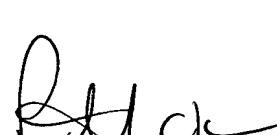


01 MAY 2006

Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 1034193-000034
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/560,278
INTERNATIONAL APPLICATION NO. PCT/EP2004/005864	INTERNATIONAL FILING DATE 29 May 2004 (29.05.2004)	PRIORITY DATE CLAIMED 18 June 2003 (18.06.2003)		
TITLE OF INVENTION <b>ULTRASONIC STANDING-WAVE ATOMIZER ARRANGEMENT</b>				
APPLICANT(S) FOR DO/EO/US STAUCH, Gert; MATTHIAS, Bjoern; GOERGES, Uwe; BOERNER, Gunter; YAMABE, Hidetoshi; and WITTMANN, Josef				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ul> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto.</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ul> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input type="checkbox"/> have not been made and will not be made.</li></ul> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>				
<p><b>Items 11 to 21 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: _____ 1) Second Preliminary Amendment 2) Supplemental Application Data Sheet _____ _____</p>				

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																																																																																							
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<p>21. <input type="checkbox"/> Applicant(s) requests that the published application include the following assignment information:</p> <hr/> <hr/> <hr/> <hr/> <hr/>			<b>CALCULATIONS PTO USE ONLY</b>																																																																																																																																						
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Basic Filing Fee (1631)</td> <td></td> </tr> <tr> <td colspan="2">Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: center;"><input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">\$ 130.00</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td colspan="2">Total Claims</td> <td>-20 =</td> <td>0</td> <td>× \$50.00 (1615)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2">Independent Claims</td> <td>- 3 =</td> <td>0</td> <td>× \$200.00 (1614)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td></td> <td>+ \$360.00 (1616)</td> <td></td> </tr> <tr> <td colspan="2">Examination Fee</td> <td></td> <td></td> <td>+ \$200.00 (1633)</td> <td></td> </tr> <tr> <td colspan="2">Search Fee</td> <td></td> <td></td> <td>+ \$400.00 (1632)</td> <td></td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$ 130.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td></td> <td></td> <td style="text-align: right;">+ \$ 0.00</td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="3" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: right;">\$ 130.00</td> </tr> <tr> <td colspan="2">Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: center;"><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> <td></td> <td></td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: right;">\$ 130.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property +</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="3" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td style="text-align: right;">\$ 130.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3"></td> <td style="text-align: right;">Amount to be refunded :</td> </tr> <tr> <td colspan="2"></td> <td colspan="3"></td> <td style="text-align: right;">charged :</td> </tr> <tr> <td colspan="6"> <p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Charge <u>\$ 130.00</u> to credit card. Form PTO-2038 is attached.</p> </td> </tr> <tr> <td colspan="6"> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> </td> </tr> <tr> <td colspan="6" style="text-align: center;">   <b>SEND ALL CORRESPONDENCE TO:</b>  <b>Buchanan Ingersoll PC</b>  <b>Including attorneys from Burns, Doane, Swecker &amp; Mathis</b>  <b>P.O. Box 1404</b>  <b>Alexandria, Virginia 22313-1404</b>  <b>(703) 836-6620</b> </td> </tr> <tr> <td colspan="6" style="text-align: center;"> <b>SIGNATURE</b>  <b>Patrick C. Keane</b>  <b>NAME</b>  <hr/> </td> </tr> <tr> <td colspan="6" style="text-align: center;"> <b>32,858</b> <b>May 1, 2006</b>  <b>REGISTRATION NO.</b> <b>DATE</b> </td> </tr> </table>			Basic Filing Fee (1631)			Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30			\$ 130.00	CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$	Total Claims		-20 =	0	× \$50.00 (1615)	\$ 0.00	Independent Claims		- 3 =	0	× \$200.00 (1614)	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00 (1616)		Examination Fee				+ \$200.00 (1633)		Search Fee				+ \$400.00 (1632)		App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)								TOTAL OF ABOVE CALCULATIONS =			\$ 130.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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Page 2 of 2

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130.00 DA



Patrick C. Keane

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**NAME**

Patrick C. Keane

32 858 May 1 2006

May 1, 2006

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**REGISTRATION NO.**

DATE



## UNITED STATES PATENT AND TRADEMARK OFFICE

103493-000034

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/560,278	Gert Stauch	034193-034
INTERNATIONAL APPLICATION NO.		
PCT/EP04/05864		
I.A. FILING DATE	PRIORITY DATE	
05/29/2004	06/18/2003	
CONFIRMATION NO. 3471		
371 FORMALITIES LETTER		
*OC000000018262301*		

Date Mailed: 03/15/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/12/2005
- English Translation of the IA filed on 12/12/2005
- Copy of the International Search Report filed on 12/12/2005
- Preliminary Amendments filed on 12/12/2005
- Information Disclosure Statements filed on 12/12/2005
- U.S. Basic National Fees filed on 12/12/2005
- Priority Documents filed on 12/12/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The number of claims in the International Application and the number of claims in the translation are not the same.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

*Missing Part Resp. Due: 5/15/06*

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

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Telephone: (703) 308-9140 EXT 211

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/560,278	PCT/EP04/05864	034193-034

FORM PCT/DO/EO/905 (371 Formalities Notice)